XS518B1DAL2

inductive sensor XS5 M18 - L62mm - brass - Sn5mm - 12..48VDC - cable 2m





Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS5
Sensor design	Cylindrical M18
Size	56 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.20 in (5 mm)
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	1248 V DC
Switching capacity in mA	1.5100 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation IEC 60529 IP69K DIN 40050

Complementary

Complementary		_
Thread type	M18 x 1	
Detection face	Frontal	_
Front material	PPS	_
Enclosure material	Nickel Plated Brass	_
Operating zone	0.000.16 in (04 mm)	_
Differential travel	115% of Sr	_
Cable composition	2 x 0.34 mm²	_
Wire insulation material	PvR	_
Status LED	Output state 1 LED yellow)	_
Supply voltage limits	1058 V DC	_
Maximum residual current	0.5 mA open state	_
Switching frequency	<= 3000 Hz	_
Maximum voltage drop	<4 V closed)	_
Maximum delay first up	10 ms	_
Maximum delay response	0.15 ms	_
Maximum delay recovery	0.2 ms	_
Marking	CE	_
Threaded length	2.05 in (52 mm)	_
Height	0.71 in (18 mm)	_
Length	2.44 in (62 mm)	_
Net Weight	0.26 lb(US) (0.12 kg)	

Environment

UL CCC CSA	
-13158 °F (-2570 °C)	
-40185 °F (-4085 °C)	
25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6	
50 gn 11 ms IEC 60068-2-27	
	CCC CSA -13158 °F (-2570 °C) -40185 °F (-4085 °C) 25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901517986
Nbr. of units in pkg.	1
Package weight(Lbs)	0.25 lb(US) (0.11 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Package 1 Height	0.420 dm	
Package 1 width	0.970 dm	
Package 1 Length	1.320 dm	

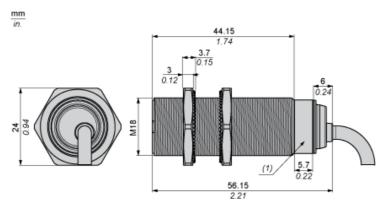
Offer Sustainability

Sustainable offer status	Green Premium product	
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EEU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	€Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	

Contractual warranty

Warranty	18 months
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Dimensions

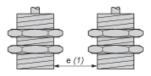


(1) LED

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Minimum Mounting Distances

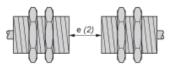
Side by side



e (1) 10 mm/0.39 in.

≥

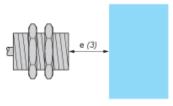
Face to face



e (2) 60 mm/2.36 in.

≥

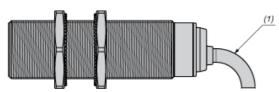
Facing a metal object



e (3) 15 mm/0.60 in

≥ `

Mounting



(1) Bending cable: 4 x external cable diameter

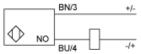
Product data sheet Connections and Schema

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Wiring Schemes

2-Wire Non-polarised

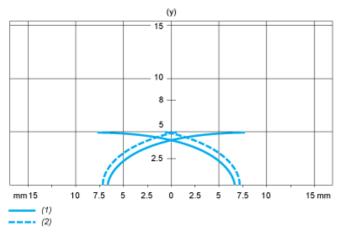
NO output



BU: Blue BN: Brown

Performance Curves

Standard Steel Target: 18x18x1 mm



- (1) Pick-up points(2) Drop-out points (object approaching from the side)
- (y) Sensing distance in mm